

Table F-27. Environmental Data for Road A Chemical Basin

Waste site	Areal extent of site	Distance to nearest wetland (m)	Area of wetlands within 200 m/1000 m (acres)	Endangered species data	Non-PATHRAE modeled contaminants exceeding freshwater biota criteria ^a			Area of groundwater outcrop; distance (m) to outcrop	Dilution factor ^d
					Contaminant	Reported level ^b	Criterion ^c		
Road A chemical basin (904-111G) ^e	30 x 53; however, larger area (3.7 acres) was graded when site was closed in 1973	200	0/79.3	Bald eagles have been sighted in basin area. ^f Three former red-cockaded woodpecker colonies are within 1 kilometer	pH	4.53	6.5-9.0	Four Mile Creek and/or swamp system; 200	3.02 x 10 ⁻⁶ (assumes outcrop to Four Mile Creek)
					Cadmium	0.002	0.00022		
					Copper	0.01	0.002		

^aConcentrations are in milligrams per liter for chemicals and picocuries per liter for radionuclides.

^bAverage value for groundwater well containing highest concentration.

^cBased on ICRP, 1978; EPA, 1985b,c; National Technical Advisory Committee, 1968.

^dEquivalent to groundwater flux divided by flow rate of receiving stream.

^eData from Pickett, Muska, and Bledsoe, 1987, except as otherwise indicated.

^fFrom Mayer, Hoppe, and Kenamer, 1986.